Q-see
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Remote Monitoring Using QT View for iPhone & iPad

Setup and Users Guide for Mobile Remote Monitoring QT Series Security DVRs on Mobile Devices Using Apple's iOS Operating System

The QT View software allows you to remotely monitor your QT-series DVR (see list below) using your mobile device and either a wireless or 3G/4G network. In addition to controlling your system, you will be able to alter its settings and review video records saved on its hard drive.

In order to monitor your system using your iPhone or iPad, you will need to install either the Q-See QT View app for smartphones or Q-See QT View HD app if you're using a tablet. These are available for free through iTunes by searching for "Q-See." Install either one as you would any other application on your device.

Operation of both versions is largely the same with the major exception being that the HD version for the iPad differs in that you can view up to nine cameras simultaneously rather than just four, plus the viewing resolution is greater to take advantage of the tablet's higher resolution screen. Screen shots from both will be shown when there are differences, but otherwise, most images will be from the iPad version.

For smartphones:

Q-See QT View

Utilities

Released Apr 18, 2012

FREE

For tablets:

Q-See QT View HD

Utilities

Released May 10, 2012

FREE

PICTURE 1

To launch QT View, simply tap on its icon in the app menu on your device.

SUPPORTED MODELS

At the time of this writing, the models of DVRs supported by the QT View apps are: QT2124, QT426, QT428, QT454, QT474, QT446, QT4332, QT4516, QT4532, QT504, QT518, QT526, QT528, QT536 and QT5116. Models not listed above, but purchased after May, 2012 should also be compatible.

CONNECTING TO YOUR DVR

Upon start-up, the QT View program will require you to log in. The first time you will need to enter the address of your DVR.

You will need to create at least two connections to access your DVR. These are selected through the **Login** screen and can be created through this screen. They may also created in the **Server** list as described later.

One connection is for use when you are accessing a wireless network connected to the same network as your DVR while another would be used when connecting from outside the area. Depending on your data plan (and whether your device has 3G/4G connectivity) you may find it necessary to take steps to ensure that you are connected wirelessly rather than through cellular to avoid data charges as data usage will be equivalent to that for streaming a video.

PICTURE 2

Another reason for creating multiple Server connections is if you have more than one QT-series DVR that you wish to monitor remotely. Full information on obtaining these addresses can be found in the **Remote Monitoring Guide** but instructions for utilizing these addresses appears on the following pages.

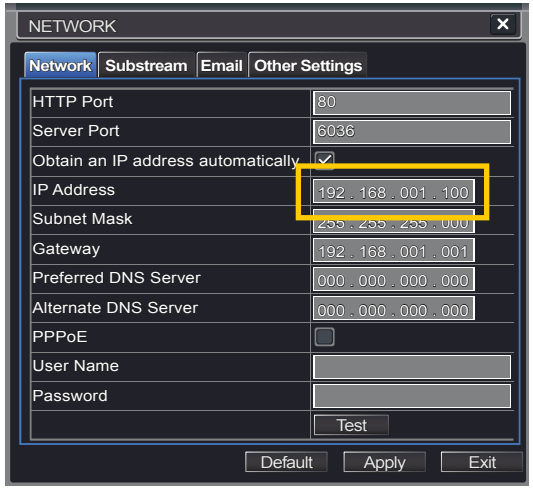
If you will be connecting to your DVR on the same network, say from within the same building, enter the local IP address and this will be referred to as a Local Connection. The second connection will be for times when you are away from that network and will be connecting to a different network or using the 3G/4G function of your device.

Local Connection

To connect to your DVR using a wireless network that is connected to the same router as your DVR - such as a home network with WiFi and Ethernet connections - you will need to use the LAN or local IP address for your DVR. This can be found in your DVR's **Network** window.

STEP 1. Open the Network window and write down the IP address (**Yellow box in Picture 3**).

Ensure that the box labelled "Obtain an IP address automatically" is checked. If it isn't, check mark the box, click on **Apply** and then exit the window. Reopen the window to see the correct IP address.



PICTURE 3

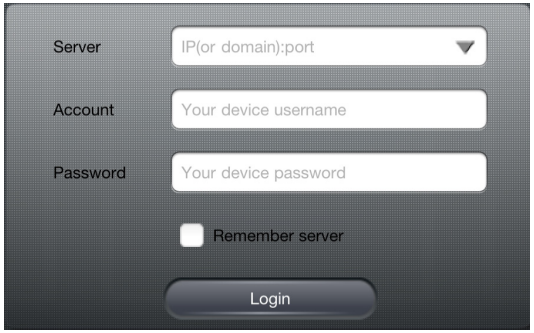
If you changed anything, you should return it to its previous configuration to avoid problems with other devices or the DVR itself.

STEP 2. Tap on the white fields in the Login screen to enter the needed information

Server - Insert the IP address.

Account and **Password** are those you use to log into the DVR.

STEP 3. Check the box for **Remember Server** to add your new connection to the list.



PICTURE 4

Remote Connection

To monitor your DVR at times when you are away from its location, you will use the system's public or Internet address instead of the local IP address described above.

This address could either be the series of digits that you use to log into your DVR over the Internet, or the Dynamic Domain Name Service (MyQ-See) address you created when configuring your DVR for remote access. See **Sections 1.2** or **1.6** of the **Remote Monitoring Guide** respectively for full details on either option.

You can quickly obtain the DVR's Internet IP address by going to ***www.canyouseeme.org*** using a computer connected to the same router as the DVR.

The number at the bottom (81.919.622.24 in the example shown) is the public IP address and you can enter this into the **Address** field. The rest of the process is the same as described above for adding a local connection.

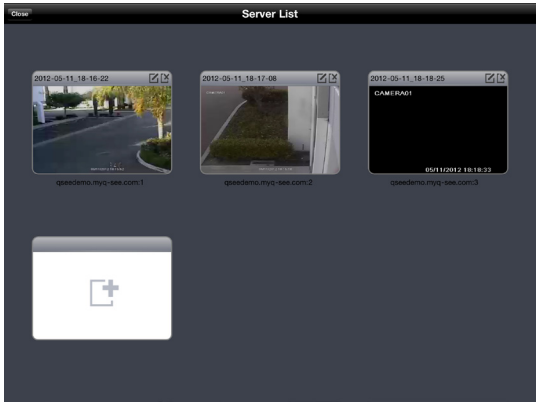
Browser - Windows Internet Explorer
http://canyouseeme.org/
Open Port Check Tool
CanYouSeeMe.org - Open Port Check Tool
This page will serve as a free utility for remotely verifying a port is open or closed. It will be useful for users who wish to check to see if a server or ISP is blocking certain ports.
Your IP: 81.919.622.24
What Port?
Check
Success: I can see your service on
81.919.622.24 on port (80)
Your ISP is not blocking port 80

PICTURE 5

SERVER LIST

The Server List contains all of your successful DVR connections. It is where you can add, edit or delete your connections. It is accessed by tapping **Server List** at the top of your screen.

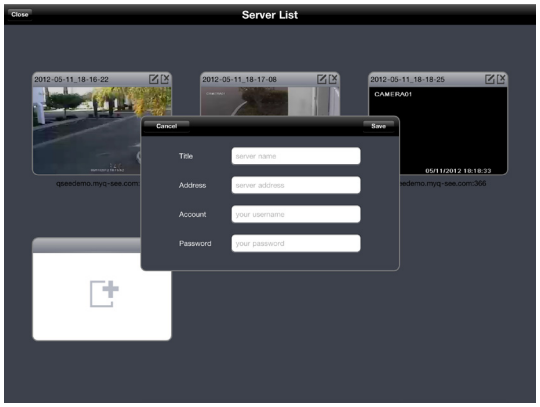
There is an additional field, **Title**, available in this area which we recommend utilizing descriptive names such as "Home DVR, Local" and "Home DVR, Away" or the like to help you make the appropriate connection.



PICTURE 6

Adding a Server

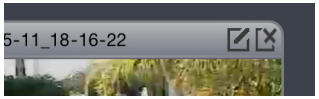
A server is added in the same manner as in the **Login** screen. Simply tap on the white icon to open up the window to enter the information for the new connection including your name for this connection, the IP address (local or Internet) and your user name and password.



PICTURE 7

Editing or Deleting a Server

Each server connection features two icons in the upper right corner. The left one allows you to edit the connection's name, the address, the user name and password. The rightmost icon will allow you to remove the server from your list.



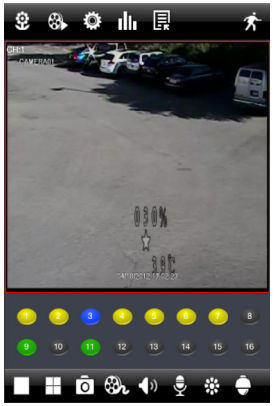
PICTURE 8

OPERATION

LIVE VIEW

When you log in, QT View will open the **Live View** window which will show a single-channel feed from your DVR. Examples are shown below from QT View HD (left) and QT View (right). You can configure the default display mode using the **Settings** menu described later.

PICTURE 9



PICTURE 10

A series of indicators and icons will appear below the video feed in **Live View**. If the phone is rotated to landscape (wide) view, these icons will disappear to allow a larger view on the screen. The colored indicators show the status of each camera.

Color	Meaning
	Recording
	Not Recording
	Motion Recording
	Alarm Recording
	No Camera

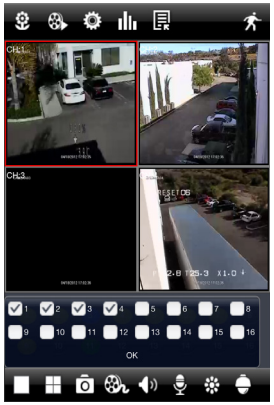
The icons allow you to control your display, including which cameras are being viewed, split-screen four channel view, enable PTZ mode and etcetera.

Button	Function	Button	Function
	Single channel view		Four channel viewing mode
	Six, eight and nine channel views (iPad only)		Snapshot
	Record to iPhone or iPad		Audio On/Off
	Two-way talk		Picture adjust (brightness, hue, saturation & contrast)
	Switches to PTZ interface		Hide icons (tapping on screen makes them reappear)

Note that both Two-way talk and Audio On/Off both require the use of an audio-capable camera or a co-located microphone. Two-way talk additionally requires a speaker located with the camera being used.

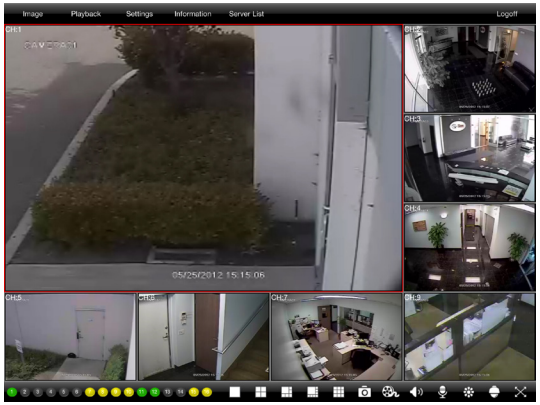
When switching to multi-channel view, a pop-up window will allow you to select which cameras will be displayed.

PICTURE 11



PICTURE 12

The iPhone version offers the option to view video from a single camera or four channels simultaneously. On QT View HD for the iPad, you also have the ability to view the feeds from six, eight or nine cameras at the same time as well.



PICTURE 13

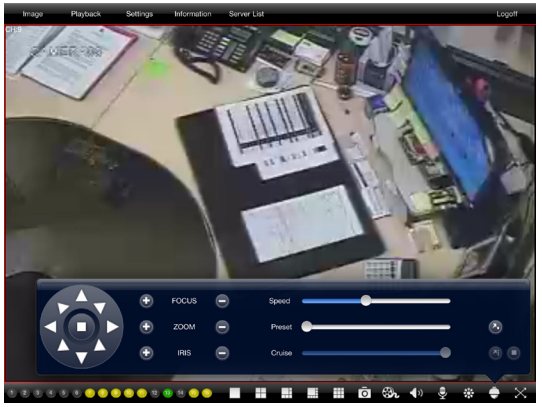
You may reposition the channel feeds in the multi-channel viewing modes simply by dragging one screen into the desired position. This is especially useful in the asymmetric six- and eight-channel displays with the single large screen and multiple, smaller views.

When viewing multiple channels, the screen outlined in red will be the one affected by such actions as snapshot or record.

Double tap on a screen in a multi-channel mode to bring it to full screen. Double-tapping on the camera view will return to the split screen mode.

PTZ

Tapping on the PTZ icon will open the **PTZ Control** window allowing you to control a Pan-Tilt-Zoom camera connected to your DVR by touching the directional arrows. Adjust your camera's focus, zoom and iris (light level) using the "+" and "-" buttons.



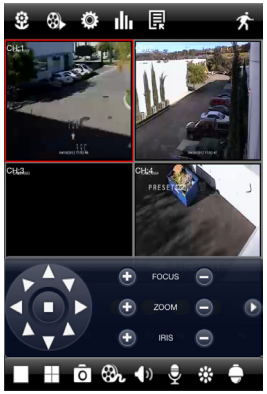
PICTURE 14

There are three sliders which also provide camera control. On the iPhone, they appear when the arrow to the right of the PTZ controls is tapped.

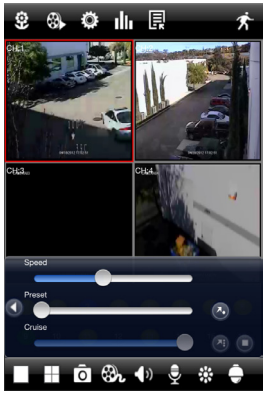
The first slider allows you to control the speed of the camera's movement, from 1 (slowest) to 8 (fastest).

The second slider allows you to select which Preset point you desire the camera to rotate towards. There are 128 points available and these are generally set up in the DVR when you first configure the PTZ camera. However, you can configure these within the program as well.

The bottom slider allows you to select which cruise (path) you want the PTZ camera to perform. Like the Presets, these are usually set up when you first connect the PTZ camera, but you can create a new one using **PTZ Settings** within the **Settings** menu of this application.



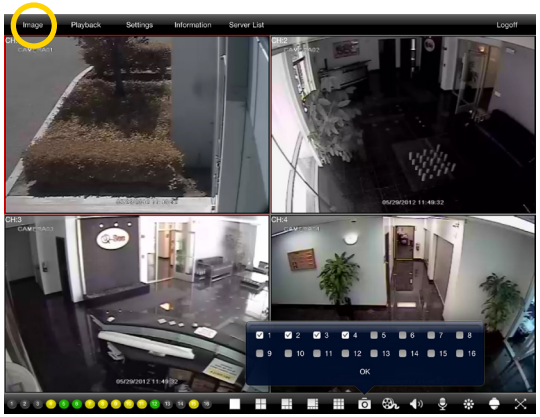
PICTURE 15



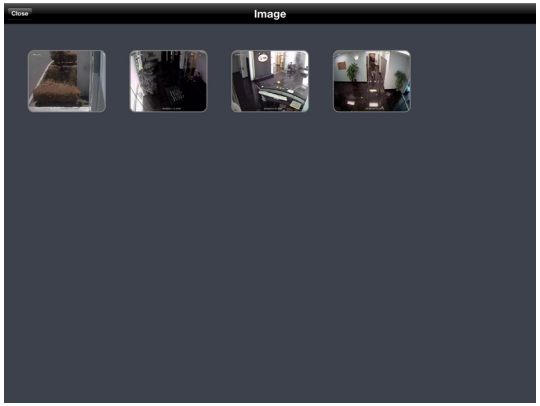
PICTURE 16

SNAPSHOT

Tapping the **Snapshot** icon will cause the program to take a still image of the currently displayed video feed and save it onto your device. You can take full-size images from any or all of the currently displayed video feeds. These images are not saved to the Photos folder on your device, but are available for viewing by selecting them from the **Image** menu located at the upper left of the application's screen (circled, below).



PICTURE 17



PICTURE 18

In the **Image** menu, you can select an image by tapping on it for a larger view. You can then either delete the image or copy it to your device's **Photos** menu. From there, you can edit it, download it or e-mail it as with any other image.

RECORD

Likewise, tapping the **Record** icon will cause the program to begin recording video from the selected channel onto your device's internal memory. Tapping the icon again will end the recording. These files can be accessed, along with videos recorded onto your DVR's own hard drive in the **Playback** menu which is also located at the top of the screen next to the Image menu.

PLAYBACK

When you tap on the Playback icon you will be given the choice to search for files recorded on your device (locally) or on the DVR itself with the option to search a specific block of time, by recorded event, or if you have your DVR configured to record all the time, you should use the Remote File Search option.

All four search modes operate much in the same manner. Select the date and starting time along with which channel(s) you want to search. Once you tap on **Search**, the application will display the search results. You will only be able to play back one video at a time.

PICTURE 19

Local File Search

Select the desired file from the search results by tapping on it. You will be given the option to play, copy or delete the video. If you select **Copy**, the video will be copied into your device's **Photos** folder.

Selecting **Play** will open up the video and start the playback. There are no playback controls for local files.

Tap on **Close** to end the playback.

PICTURE 20

Time Search

This search mode differs in that it'll show a 24-hour timeline for each channel with blocks indicating when a video record took place.

To begin playback, simply select a channel and then tap on **Play**.

A progress bar will appear below the video along with the start and end times of the video clip. Simply drag the playback point to the desired segment of the video. The time on the left will change to show the time that the particular video segment was recorded.

Depending on the speed of the Internet connections at your DVR and your mobile device, you may experience a delay between when you drag the point and when the video begins playing from that point.

Tap on **Close** to end the playback and return to the search results.

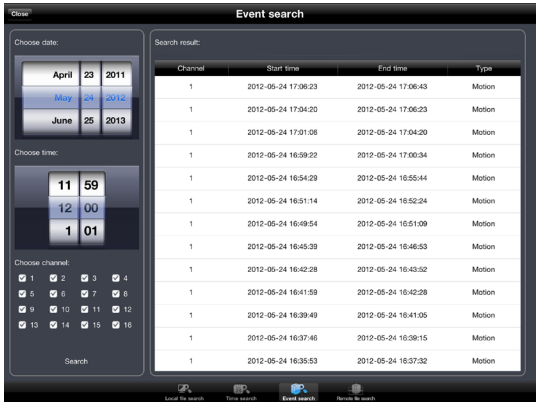
PICTURE 21

PICTURE 22

Event Search

This operates in the same manner as the Local File search, but returns results for video stored on the DVR's hard drive. In addition, it will list the type of event, such as Motion Detection or Alarm.

Simply tap to begin playback. A progress bar identical to the one appearing in Time Search will appear to allow you to progress through the video.

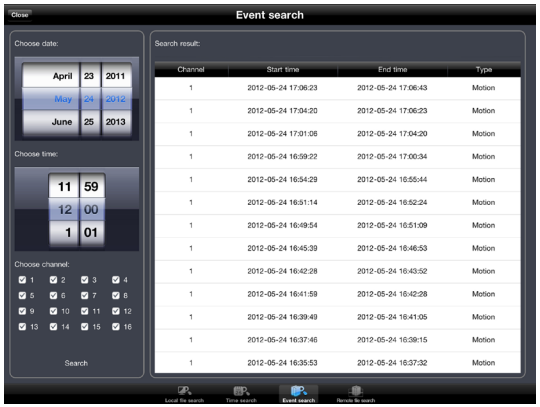


PICTURE 23

Remote File Search

This last search mode is best used when you have a channel set to constantly record but it also works if you know when an event occurred.

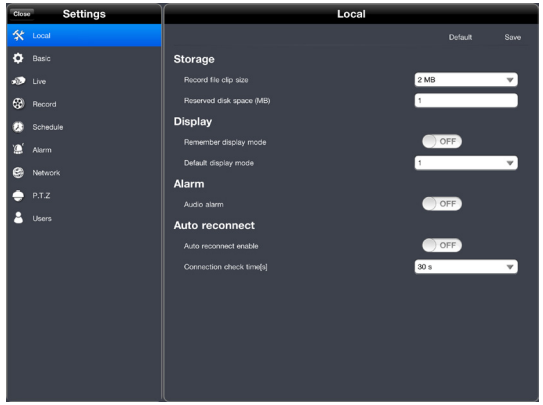
The results list and playback will resemble that seen in the Event Search, above, but will not show the event type, rather it'll display the start and end times along with which channel.



PICTURE 24

SETTINGS

The Settings menu is also located at the top of the screen. It allows you configure both QT View on your mobile device as well as make or change settings on your DVR itself. The local settings are covered in this manual along with the **Schedule** and **PTZ** on-DVR settings. The remainder of the on-DVR settings mirror those conducted at the DVR itself and are therefore covered in the **User Manual**.



PICTURE 25

Local Settings

You can set the maximum amount of space set aside for video recordings on your device using the **Storage** options.

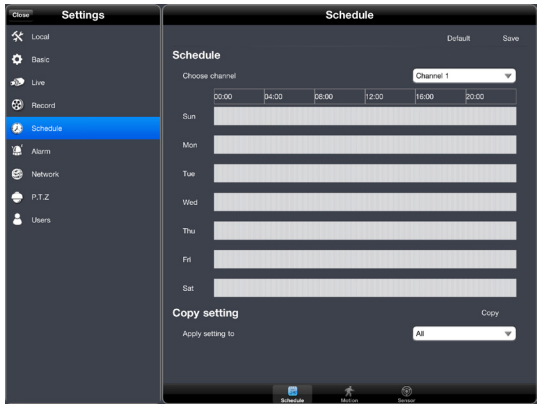
The **Display** settings allow you to set the application to launch in your preferred viewing mode, whether single view, or multiple channel display.

Alarm enables an audio and vibration alert when the DVR either detects motion or some other alarm input.

Enabling **Auto Reconnect** will cause the program to attempt to re-establish your connection to the DVR if it is lost.

Schedule Settings

This area is generally set up when you first configure your DVR, but you may find it necessary to change a recording schedule while you're away from your DVR.



PICTURE 26

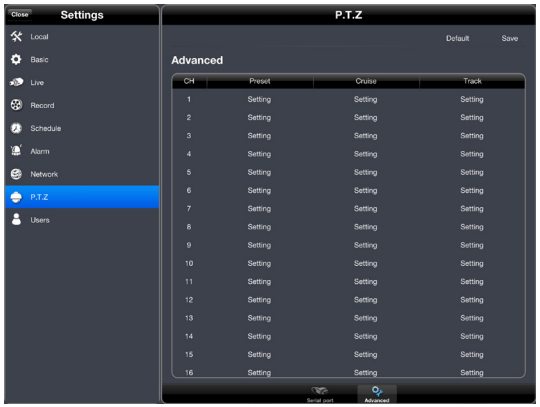
You'll be able to change the schedule for general recording, motion detection recording and alarm-based recording for each camera. Adjusting the schedules for any of these modes is identical. Simply touching and dragging in the desired time block and it'll turn blue to indicate that it'll be active during that time. Touching the blue area and dragging will return it to gray to deactivate that function.

You can copy and paste your settings between cameras. Be sure to tap on **Save** to preserve your settings.

PTZ Settings

Configuring your PTZ camera is best done at the DVR itself, but if you find it necessary to update a Preset point, a Cruise or Track, that can be done in the **Advanced** segment of the **PTZ Settings** menu.

Tapping on the Advanced button at the bottom of the **PTZ Settings** menu gives you access to your PTZ camera's settings. Simply tap on the **Setting** button corresponding to the desired function for the correct channel and adjust using the PTZ controls or by enabling/disabling as needed. Tapping on **Save** will save your settings.



PICTURE 27

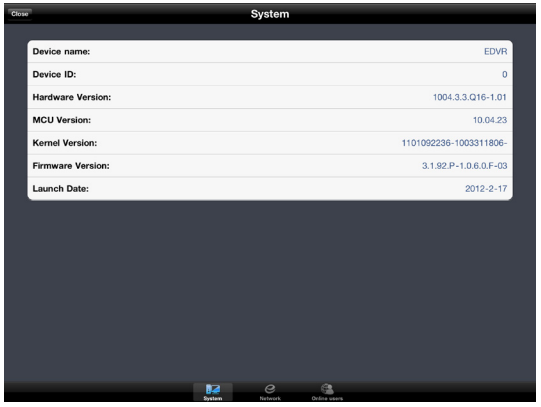
INFORMATION

The three windows available under the **Information** menu allow you to access information about your DVR, your network and which users are currently logged into your system

The information displayed in these three windows cannot be altered.

System shows your DVR's name as well as the software and hardware configuration.

Network provides details on your IP and router address along with which ports are in use and connection status along with other information. Detailed explanations on these items and their configuration can be found in the **Remote Monitoring Guide**.



PICTURE 28

Online Users shows which users are remotely connected to your DVR.

LOGOFF

You can exit QT View by pushing the large button on your device, just like any other program. Or you can tap on the **Logoff** button which will return you to the **Login** screen.